

Careers News

Thursday 5 September 2019

Dear Parent/Guardian

This week's Careers Newsletter contains information on the following topics:

- Key Websites for people interested in trades and vocational learning
- Interested in human behaviour? Study psychology!
- Charles Sturt University is search for their 2020 student engineers
- Focus article – how to find the right pathway for you
- Love media, IT and being creative – you may enjoy digital media
- Information Technology scholarship programs
- Key ICT Career Websites
- Upcoming open days
- Upcoming Defence Force career events
- University application dates – early closing dates for some courses (Yr 12)
- University early entry programs – several are closing soon (Yr 12)
- Interested in studying marine science?
- SEAS
- Access and Equity Scholarships
- University applications – how to apply for courses in NSW and Canberra (Yr 12)
- Year 12 students – university scholarships
- Life at 24: Now and Then. Interesting research article about post school employment, training and education
- Get informed about VET subjects (Yr 9 – 10)
- Information for Year 12 students about applying for undergraduate teaching courses in Victoria and NSW
- Would you like to study at a Japanese University?
- 3 humanitarian STEM jobs making a major impact
- La Trobe University Outdoor Education camp (Yr 10 – 12)
- La Trobe University – new scholarship for regional students
- 6 engineering career myths busted
- Careers in Engineering magazine – download your copy for free!
- National Questacon Invention Convention – apply now (14 – 18 year olds)
- JMC Academy – High School Workshops (Yr 9 – 12)
- Victorian Institute of Forensic Medicine – Careers Day
- Dates for your diary

Websites: Vocational & Trades

Australian Apprenticeship Pathways: You will be able to undertake apprenticeship aptitude tests, find local apprenticeship and group training centres, and learn about different trade occupations, www.aapathways.com.au/

Defence Jobs: explore technical trades in the Navy, Air Force and Army, www.defencejobs.gov.au/

Do you need a White Card? If you would like to undertake work experience or work in the construction industry, you will need to complete occupational health and safety induction training. To prepare for this, you can undertake the 'White Card Game'.

Through an online first-person perspective, the goal of the game is to identify, control and report workplace hazards on a construction site without getting injured or causing the death of workmates. Go to www.whitecardgame.com.au/

The Good Careers Guide: You can search over 400 different occupations narrowed down by the field or type of work you would like to do in the future (e.g., helping/advising), <http://bit.ly/2a7Qr0Z>

Plumbing Careers: learn about careers in plumbing and specialisations such as water, sanitary, gasfitting, roofing, drainage, and mechanical services, <http://bit.ly/2asQfck>

My Skills: You can search for and explore vocational courses across Australia, learn about in demand jobs and watch videos of young people who have completed vocational training, <http://bit.ly/1D8uek7>

SkillsOne: you can watch videos about different trades, www.skillsone.com.au/

Rail Careers: careers in the rail industry, <http://railcareers.net.au/>

Become a Bricklayer, <http://bit.ly/1XUkPcJ>

Rural Careers Australia: careers in agriculture, horticulture, animal care and land management, www.ruralcareers.net.au/

Care Careers: learn about careers in community services such as disability and aged care, <http://bit.ly/2g6QYT2>

Is your daughter interested in studying human behaviour?

Would she like to become a psychologist? She will need to start her education by studying a Bachelor degree with an Australian Psychology Accreditation Council (APAC) approved major in psychology. Not all psychology majors are approved by APAC, so she will need to contact the institution she would like to study at to double check. For more information, go to <http://bit.ly/2xqsTeQ>

Careers in Psychology: Deakin University has developed an excellent website showcasing different careers in Psychology. Go to <http://bit.ly/2wLNAof>

CSU is searching for their 2020 engineering students

Charles Sturt University (CSU) offers an engineering program that is unique in Australia. Students undertake a Bachelor of Design Technology/Master of Engineering over 5.5 years.

They complete the first 18 months at the Bathurst campus (NSW), then complete the rest of their studies as a paid student engineer over four year-long placements. They will accept only 30 students and are looking for entrepreneurial young people who want to change the world, <https://bit.ly/2PbylPs>

Finding the right path for your daughter!

Did you know?

- Between 20 – 30% of first year students drop out of or change their university course.
- About 50% of trainees drop out of their apprenticeship/traineeship.

Don't become a statistic- make sure you don't just fall into a course or job. You still have plenty of time to make the right decisions and put in the groundwork.

You will be making the wrong career choice if you base your decision-making solely on any of the following:

It looks cool on TV (e.g., Boston Legal, Suits, CSI, Criminal Minds). This is NOT reality. People don't walk around crime scenes wearing the latest fashions, or work in labs with their hair out. Nor do they receive crime scene test results overnight. If you want to watch a good program, watch an Australian reality series like:

- Border Security Australia, Seven Network
- The Recruit, Victoria Police
- Testing Teachers, SBS

Or read autobiographies of people working in the industry you are interested in.

Your parents expect you to do it. This is a tricky one. You want to study history, but your parents expect you to study law, medicine or dentistry.

Following your parents' guidance will make them happy, but considering you will probably work until you're 70 years old and will be an independent adult, it's important that you are happy and fulfilled in your life.

The job pays a lot of money. We know occupations like Dentistry, Law and Mathematics pay well. But would you want to sit through four years of Law if your heart wasn't in it, and you didn't enjoy things like researching, debating, reading and analysing?

And would you want to commit years of study to becoming a Dentist or Surgeon through taking subject after subject in sciences when your real passion is humanities?

If you want to follow the path that will lead you to a satisfying career, there are a few things to think about.

You don't know what you don't know: There is a world of opportunity out there with an enormous range of career options. There are jobs that will suit you that haven't even been invented yet!

How would you know that you would like to study biomedical engineering if you have only studied physics and mathematical methods at school? How would you know that you would love anthropology if you have only studied sociology at school?

Network: Do work experience. Worried about missing school? Go for one or two days - you don't have to go for a whole week. You won't be able to build up a realistic picture of what an occupation is like by just reading a brochure.

Be flexible and ready for change: You will probably change your career direction several times throughout your lifetime and you will work for different companies. You may also change your course or apprenticeship, drop out of study, work for a while, go back to study, drop out again, travel, pick up some TAFE study, work in different jobs....you don't know what lies ahead in your future but be prepared to be flexible and resourceful.

Participate in experience days, open days, career events organised by your school etc. One small thing may spark a new interest, or affirm current career interests.

Use YouTube: Sounds simple, but YouTube is a fantastic tool for researching courses and occupations. Just search 'careers in Australia' and you will be able to listen to people working in the occupation you are interested in.

Career Advice: make a time to see a member of the Pathways Team. They will be able to provide expert guidance.

Access your allies: For many people of your generation, it's completely normal to not have post school career goals. Most importantly, speak to the people who know you best. They will be able to advise you well and support you throughout your journey.

Is your daughter creative? Does she love working on computers? Does she enjoy media?

She may be suited to studying digital media. IT, coding, design and multi media skills are currently in demand and will continue to be desired workplace skills in the future. The following are examples of digital media courses she can study at Victorian institutes:

Bachelor of Design (Digital Media), RMIT: <http://bit.ly/2bQKzrJ>

Bachelor of Design (majoring in Digital Media Design), Swinburne University, <http://bit.ly/2bApAc1>

Bachelor of Digital Media, Macleay College, Melbourne, <https://bit.ly/2liqzj1>

Bachelor of Communication (Digital Media), Deakin University, <https://bit.ly/2FVfe7p>

Bachelor of Design (Digital Technologies), Deakin University, <https://bit.ly/2vwisVs>

Is she passionate about Information Technology?

The following three universities offer Bachelor of Information Technology Industry Scholarship programs:

University of Technology Sydney: The scholarships are worth \$49 500 each and recipients have had a 100% employment success rate post graduation. Round 1

applications close on 8 September, <https://bit.ly/2ENOz75>

Swinburne University: recipients receive 40-weeks of industry experience and a \$40 000 industry funded scholarship, <http://bit.ly/2bG8LuW>

Victoria University: students who receive entry into the Bachelor of Information Technology (Professional) have the opportunity to receive a 12-month paid industry internship, <https://bit.ly/2zpUL4I>

Key ICT Career websites

- **Digital Careers:** careers in information and communication technologies, <https://bit.ly/2PekU1m>
- **Careers With STEM:** careers in computer science and gaming, <https://bit.ly/2W2Yz5k>
- **Careers Foundation:** explore the interactive ICT Career Wheel, <http://bit.ly/2fIU5a3>

Upcoming Open Day

Victoria

Eastern College Australia Wantirna (10 Sep)	https://bit.ly/2Xh6TPX
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Defence Force – Upcoming Career Events

September

- 11: Melbourne, Navy Careers Information Session
- 17: Benalla, Defence Careers Information Session
- 19: Melbourne, Air Force Careers Information Session
- 30: Melbourne, ADFA Information Session.

For information and to register your place, go to <https://bit.ly/2MpyMUj>

University applications – key dates

The following courses have VTAC applications and in some cases supplementary forms or audition applications due by the following dates:

UNIVERSITY OF MELBOURNE

Due by Monday 30 September, 5pm

- Fine Arts (Acting), Fine Arts (Design and Production), Fine Arts (Music Theatre), Fine Arts (Theatre), Fine Arts (Visual Arts).

- Music (Music Performance, Composition, Musicology or Ethnomusicology), Music (Jazz and Improvisation), Music (Interactive Composition), Music (Chancellor's Scholars).

MONASH UNIVERSITY

Due by Monday 30 September

- Medicine (School Leaver Entry), Medicine (CSP Extended Rural Cohort School Leaver Entry), Medicine (CSP Bonded School Leaver Entry).

Is your daughter interested in Marine Science?

The following are examples of universities that offer Marine Science and Marine Biology courses:

University of Tasmania, <https://bit.ly/2Lgd2r0>

Deakin University, Warrnambool and Geelong Waurn Ponds, <http://bit.ly/2bAvUQU>

University of Melbourne, <http://bit.ly/2bHIBch>

Australia National University, Canberra, <http://bit.ly/1e0fHSY>

James Cook University, Townsville, QLD, <https://bit.ly/2wOF0FI>

Special Entry Access Scheme (SEAS)

Work out your eligibility for any of the four categories by exploring the VTAC SEAS site-
<https://bit.ly/1PG8zl4>

1. Login to your VTAC Account
2. Click on the SEAS link and apply for any of the 4 categories that you are eligible for.
3. Organise supporting statements and any other required documentation and post them with the SEAS document cover letter to VTAC by 11 October or upload directly to the website.

Access and Equity Scholarships

Read about the scholarship application process and required evidence here-
<https://bit.ly/1Kxa6kh>

1. Login to your VTAC Account
2. Click on the scholarships link and work through the steps.
3. Organise supporting statements and any other required documentation and post them with the Scholarship document cover letter to VTAC by 11 October or upload directly to the website.

University applications - UAC

If your daughter is planning to study at a NSW or Canberra university or TAFE within the next two years, she may have to apply through the Universities Admissions Centre (UAC).

She doesn't have to know what courses you would like to apply for this stage, but she will need to start her application by the 30th of September to avoid a late fee.

The following are steps to follow to get started on her application.

Step 1: Create a UAC account and apply for courses

1. Go to www.uac.edu.au/
2. Under 'Apply or Login', click on 'Undergraduate Application'.
3. Click 'Start your application'
4. Fill out each section. For Victorian students, the four-digit pin is the first four digits of your birthdate and for NSW students, UAC has emailed your pin.
5. Apply for at least 1 course; you can enter up to 5 preferences. You can change your preferences later.
6. Download and print off the confirmation application package - this will list your UAC number.

Step 2: Pay processing fee

1. Once you complete your course application in Step 1, you will have the option of paying online.
2. If you would like to pay later, you can select BPAY or Bill Pay and download an invoice with your confirmation application package.
3. You can pay the one-off \$70 processing fee at the post office or via BPAY.

Step 3: Education Access Schemes (EAS)

1. Work out if you are eligible for any categories by exploring the EAS site- www.uac.edu.au/eas/
2. Download and print the 2020 EAS Booklet
3. Within your UAC account, click on the EAS tab
4. Apply for any categories you may be eligible for via the online portal and download the cover sheets.
5. Organise the evidence needed.
6. Upload or post evidence required with the cover sheets to UAC by Friday 29 November.

Step 4: Apply for Equity Scholarships (ES)

1. Read about the scholarship application process and required evidence here- www.uac.edu.au/equity/
2. Go to www.uac.edu.au/
3. Hover your mouse over the 'Apply or Login' button then click on 'Equity Scholarships – application and offers', then click 'Start your Application'.

4. Work through each step and click submit.
5. Download and print the document package, which will list any evidence you are required to provide and post to UAC or upload to the website.
6. Complete this by Sunday 15 December.

Applying for other states?

Use the following websites to apply for courses in other states.

NSW/ACT	www.uac.edu.au
SA/NT	www.satac.edu.au
WA	www.tisc.edu.au
QLD	www.qtac.edu.au
Tasmania	www.utas.edu.au

Year 12 students – university scholarships

The following are examples of scholarships university applicants may be eligible for:

Westpac Young Technologists Scholarship: For students planning to study a degree focussed on technology or computer science in 2020. Must be planning to study at one of 5 eligible universities, <http://bit.ly/2wxpMDp>

Gardiner Dairy Foundation for students residing in Victorian dairy communities who plan to pursue a career that will benefit dairy communities or the dairy industry. Worth \$10,000 per annum. Now open, <https://bit.ly/2klw7OT>

George Alexander Foundation Scholarship: for students who would like to study an undergraduate course at one of 12 universities in 2020, <http://bit.ly/2c6qlaC>

Australian Veterans' Children Assistance Trust: For children and grandchildren of ex-servicemen and women. This scheme covers several scholarships. Applications open 18 August 2019, <http://bit.ly/2bv3x63>

Puggy Hunter Memorial Scholarship Scheme: For Indigenous students applying for allied health courses such as dentistry/oral health, medicine, nursing and midwifery. Apply between 1 Oct – 4 Nov 2019 for the 2020 intake, <https://bit.ly/2sveWvb>

Rural Pharmacy Scholarship: For rural students who would like to study Pharmacy in 2020 at any Australian university, <http://bit.ly/1LXoHBn>

Bradman Scholarship: For students who would like to continue their cricket commitments whilst studying any course at university. Applications close February 2020 (TBC), <http://bit.ly/2bvUu79>

Charlie Bell Scholarship for Future Leaders: For students who are McDonald's employees and will be starting a university degree in 2020. Applications may open in September, <http://bit.ly/1LI5Zb6>

Bendigo and Adelaide Bank Scholarships: For regional and rural students studying any degree, <http://bit.ly/2bHMegZ>

A Start in Life: For students who may not be able to afford the costs associated with university study, <http://bit.ly/1TuEzB4>

Youth Off the Streets National Scholarship Program: For young people who have a clear financial need to be able to study at TAFE or university in 2020, <http://bit.ly/2beQHbd>

Victoria Department of Education and Training: For students currently in Year 12 planning to study full time in 2020. There are various scholarships each with their own selection criteria, <http://bit.ly/21I00VI>

Horizon Scholarship: For students planning to study a course relating to agriculture such as agricultural science, veterinary science, agribusiness etc. Must be in last few years of degree, <https://bit.ly/2lt1fw2>

Interesting research report

Life at 24: Now and Then. “Fewer young people are working in their career job at age 24 than ten years ago, with significantly higher rates of young people uncertain whether the job they have is the one they would like as a career. This infographic uses data from the Longitudinal Surveys of Australian Youth (LSAY) to provide a snapshot of how study, training and work have changed for Australians aged 24 in 2018 when compared with those of the same age in 2008”, <https://bit.ly/2IrdVUc>

Get informed about VET

The Victorian Curriculum and Assessment Authority (VCAA) recently released a series of videos about VET studies. Students can study VET subjects as part of their senior program in Victorian and NSW schools. Whilst the information is targeted to Victorian students, it will still be helpful for NSW students, <https://bit.ly/2IMXzoZ>

Applying for an undergraduate teaching degree in Victoria?

Year 12 students planning to apply for undergraduate teaching degrees via VTAC will need to be aware of the selection criteria for courses. This may include:

- Subject prerequisites and minimum study scores
- CASPer Test results
- Minimum ATAR

NB: If you are applying to Australian Catholic University (ACU), you can elect to complete the ‘ACU Teacher Selector Statement’ **or** the CASPer Test.

You can also elect to apply directly to ACU and complete the ‘ACU Teacher Selector Statement’ rather than apply through VTAC, <https://bit.ly/2lmpH2a>

Subject prerequisites

- Each course will have a minimum English study score and most will have a mathematics requirement.
- Prerequisites for courses can be found via the VTAC Course Search function - <https://bit.ly/2AmyoMw>

CASPer Test

- You will need to register for and complete the CASPer Test by 17 November to be eligible for December Round offers, <https://takecasper.com/>
- The Victorian Tertiary Admissions Centre (VTAC) has developed a fact sheet that can be accessed at this link - <https://bit.ly/2IVrqfd>

Minimum ATAR requirement

- Applicants will need to achieve a minimum ATAR of 70. Some universities may have a higher ATAR requirement.
- With academic and/or equity bonus points, applicants may be able to access courses below this ATAR.

Literacy and Numeracy Requirements

- Students will need to register for and pass the Literacy and Numeracy Test for Initial Teacher Education Students during their teaching degree, <https://bit.ly/2wzDXYg>

Back up courses – Victoria

Concerned you may not receive the ATAR to get straight into your desired undergraduate teaching courses or don't have the subject prerequisites?

Each university has pathway courses into their initial teacher education degrees. For most pathway courses, you can add them into your VTAC preferences. The following are examples:

RMIT

Diploma of Teacher Education Preparation, <https://bit.ly/2CbYkQb>

Monash University

Diploma of Higher Education (Education Stream), <https://bit.ly/2LSMmdV>

Victoria University

Diploma of Teacher Education Preparation, <https://bit.ly/2Ndfod5>
Diploma of Education Studies, <https://bit.ly/2hEk63A>

La Trobe University

Bachelor of Educational Studies, <https://bit.ly/2PtW3qj>

Australian Catholic University

Diploma of Educational Studies (Tertiary Preparation), <https://bit.ly/2Q3eq1N>

Federation University

Bachelor of Education Studies, <https://bit.ly/2zMMXc1>

Charles Sturt University

Diploma of General Studies, <https://bit.ly/2hzEt36>

Contact the universities you would like to apply to for pathways advice.

Applying for an undergraduate teaching degree in NSW?

Students applying for undergraduate teaching courses at the following NSW universities will need to complete a teaching questionnaire which can be accessed via their UAC account once they complete their application.

- Australian Catholic University
- Charles Sturt University
- Southern Cross University
- University of New England
- University of Sydney
- University of Technology
- University of Wollongong

Information is at this link - <https://bit.ly/2NcXwyX>

Would your daughter like to study in Japan?

Australia National University offers an exclusive double degree in Asia Pacific Studies and Global Liberal Arts in partnership with the Ritsumeikan University, Japan. Students can enroll to start studying in either Australia or Japan. Over the course of their study, all students will spend time learning on-campus in both Australia and Japan.

Students commencing at Ritsumeikan will spend their third year of study at ANU, while students commencing at ANU will study at Ritsumeikan in their second and third years. The double degree will be taught in English and will take four years to complete as a full-time student. For information, go to <https://bit.ly/2LjpO79>

3 humanitarian STEM jobs making a major impact

When we think of humanitarian and social impact careers, we often think of legal aid, education and social work-type gigs. Cassie Steel from Careers with STEM, has identified 3 science, tech and engineering jobs making a massive impact on others. These include:

Geographic Information Systems Analyst: Experts in geographic information systems use their navigation, map-making and data processing skills to assist when disasters – like earthquakes, floods and human conflicts – strike. They create maps to assist in-situ field workers access hard-to-reach places, as well as process geographic data to predict, prevent and improve response time for future scenarios.

Agronomist: Agronomists traditionally study plants, animals, soil and cultivation techniques to improve the productivity and sustainability of farms and agricultural industries, yet act as key specialists on food security when extreme climates or conflict hit. The agricultural scientists re-asses the use of effected farmlands in struggling environments, and offer solutions on reducing famine and maintaining a steady crop supply.

Epidemiologist: these guys spend their time focussing on diseases – how they're caused and spread, but also how they can be contained and prevented – in vulnerable communities. Disaster relief teams rely on epidemiologists to investigate outbreaks (think: meningitis and cholera in an over-populated refugee camp), which often involves managing large-scale studies and mining massive data sets to support health campaigns and programs.

For more information, go to <https://bit.ly/2jVWcDV>

Information from La Trobe University

Outdoor Education Camp: "Experience what it's like to be an Outdoor and Environmental Education student through our September School Holiday Program. This 5-day program is available to current Year 10, 11 or 12 students.

You can select from two camps: either canoeing on the Murray River or, bushwalking and climbing at Kooyoora State Park. The cost per student is \$100 and includes food and most equipment. The program will run between 30 September – 4 October 2019, <https://bit.ly/2IRXJeR>

New scholarship for regional students: Inland Rail Scholarship – worth \$5000 per year and is for students living in selected Local Government Areas. For information and how to apply by 30 October 2019, go to <https://bit.ly/2jZN5SU>

Interested in Engineering?

Your daughter may be interested in the following articles from Careers with STEM

6 engineering myths busted: Think you know what engineering is all about? We unpack the most common assumptions surrounding the gig, so you're not hoodwinked by

an inaccurate industry myth. Spoiler: you don't have to be a mega maths genius, <https://bit.ly/2kcqaUx>

Checked out the latest Careers with STEM: Engineering yet? Engineering is a lot more varied than you might think. Our new mag smashes stereotypes and busts myths about what engineers do each day and what they look like. Meet 26 real-life professionals solving problems in every industry – from sustainability to health, defence and robotics, as they share practical tips and invaluable advice. Get seriously excited about the careers of the future!

<https://bit.ly/2kcqTFf>

The National Questacon Invention Convention

Want to design and build prototypes to solve problems for our planet? The National Questacon Invention Convention is an all-expenses paid, five-day workshop held in Canberra. There are 25 places available for 14-18-year-olds from all across Australia this January. For information and to apply, go to <https://bit.ly/2k0g2Ow>

JMC Academy – High School Workshops

Year 9 – 12 students are invited to apply for the annual JMC Academy High School Workshops running during the Term 3 break.

Students will be able to spend the day at JMC Melbourne immersed in a workshop of their choice (options are listed below) and will be able to learn about other courses running at the College.

September

- | | |
|----|-----------------------------------|
| 26 | Perform, Record & Create
Music |
| 26 | Recording a Band |

October

- | | |
|---|--|
| 1 | Discover Visual Communication |
| 3 | Digital TV Studio |
| 3 | Digital Sculpture & Character Workshop |
| 3 | Perform, Record & Create Music |
| 3 | Recording a Band |
| 4 | Character and Life Drawing |
| 4 | Filmmaking |
| 4 | Electronic Music Production |
| 4 | The Exciting World of Event Management |

For information and to RSVP your place, go to <https://bit.ly/2wrhdbQ>

Victorian Institute of Forensic Medicine (VIFM) - Careers Information Day

VIFM offers secondary school students in years 10, 11 and 12 the opportunity to attend a Career Information afternoon. The session is designed to offer an insight into the various career options available.

Specialist staff from VIFM, Victoria Police and the Coroners Court will talk to students about what it's like to work in their chosen fields and what path they took to get where they are today.

Students wishing to attend MUST complete the registration, as numbers are limited. The next session will be held on Monday 23 September 2019 at 12:30 pm.

To register your place, go to <https://bit.ly/2ltbSPs>

Dates for your diary

SEPTEMBER

- **Meet Melbourne University**, Ballarat (11), Warragul (24), Mildura (25),
<https://bit.ly/2ZmoRAM>
- **17, 18: Advice Nights**, Swinburne University, Wantirna Campus (17), Hawthorn campus (18), Aviation (18), <https://bit.ly/2Kt0nAI>
- **18: Extension Program Information Evening**, The University of Melbourne, Parkville campus, <https://bit.ly/2Zozgfq>
- **22: Dookie Day**, University of Melbourne, Dookie campus. For students interested in studying agriculture, <https://bit.ly/2Ka80LX>
- **23: Careers Information Day**, Victorian Institute of Forensic Medicine, Melbourne, <https://bit.ly/2ltbSPs>
- **24 - 26: Fashion Camp**, Kangan Institute, Richmond, <https://bit.ly/2Oqv9iF>
- **26: High School Workshops**, JMC Academy, Melbourne, <https://bit.ly/2wrhdbQ>

OCTOBER

- **1 – 4: High School Workshops**, JMC Academy, Melbourne, <https://bit.ly/2wrhdbQ>
- **20: Werribee Open Day**, University of Melbourne, Werribee campus. For students interested in studying Veterinary Science, <https://bit.ly/2KUusu0>

The Pathways Team